



Hurricane Harvey 2017
9/22/2017 – 0700 CDT Update

This Daily Update will NOT be issued over the weekend. The next update will be issued Monday morning, September 25, 2017.

EXECUTIVE SUMMARY

- House of Representatives Speaker, Paul Ryan, visited the Houston Branch yesterday, September 21, 2017.
- Today the state cost-share for response activities increased to 10%.
- EPA field activities will continue and involve the proper disposal of over 980 containers of miscellaneous materials, spill response activities, debris staging and landfill observation teams and community assistance program to share federal and state guidance to individuals that are dealing with potential hazards in damage or lost homes.
- The Houston Branch of Unified Command continues to stage, characterize, and consolidate orphan containers for proper disposal. The Houston Branch is projected to complete waste characterization by September 24, 2017, and all activities within 21 days.
- Community Liaison teams continue to provide information regarding returning to flooded areas and handling of house-hold waste in the counties of San Patricio, Rockport, Bee, Kleberg, Austin, Brazoria, Fayette, Galveston, Harris, Lee, Liberty, Matagorda, Montgomery, Walker, Waller, Wharton, Hardin, and Orange. The plan is for these teams to continue activities until October 23, 2017.
- The TCEQ has requested the Federal Emergency Management Agency (FEMA) to increase EPA's ESF-10 Mission Assignment an additional \$3.3 million. Once fully approved, this will bring the total funding for assessment and response to \$15.49 million.
- On September 22, 2017, EPA will meet with Texas Water Development Board (TWDB) and FEMA at the JFO to discuss results of FEMA's review of TWDB's request to use the State Revolving Fund as interim/match funds for impacted infrastructure.
- On September 21, 2017, EPA concurred on an extension of Federal vector control/surveillance requirements associated with State of Texas Plan for Vector Control as part of its emergency response and recovery efforts associated with Hurricane Harvey;

and the use of insecticides containing "Naled" according to their label.

DEBRIS RECOVERY

Joint EPA and TCEQ field observation teams continue to observe debris staging and landfill operations within the hurricane impacted counties in Texas to ensure best practices and program requirements are being met. EPA observers visited 20 sites, with TCEQ, on September 21, 2017. The plan is for debris observation teams to continue for another 30 days. FEMA reported that 161 debris sites have been approved. Currently, FEMA estimates debris to total 17.7 million cubic yards. A federal Debris Management Taskforce has been established at the JFO in Austin and EPA is a member of the Taskforce. All observers noted that TCEQ is following their debris/landfill observation process, and TCEQ is having the sites address any issues to their satisfaction.

FIELD RESPONSE ACTIVITIES

All targets have been assessed and recovered or closed. A total of 648 targets have been evaluated since the beginning of the response. The Hazard Evaluation/Recovery table will be discontinued in subsequent updates. A total of 987 orphan containers have been recovered to date.

Daily/Cumulative Summary of Spills/Discharges (NON-VESSELS)				
Status	Opened		Closed	
	9/21/17	Number of Facilities/Spills Remaining Open	9/21/17	Cumulative
Corpus Christi Branch	0	0	0	33
Houston Branch	0	1	0	77
Port Arthur/Beaumont Branch	0	2	1	24
NRC Reports	0	7	1	122
TOTALS	0	10	2	256
Note: Open means the target is yet to be recovered/cleaned up. Closed means the target was recovered/cleaned up by a Responsible Party or not found upon return to location.				

Items/Materials Processed for Disposal						
	Drums [55gal]	Small Containers [< 55gal]	Large Containers [> 55gal]	Cylinders	Solid Waste/Roll Off Box	Total Scrap Metal Recycled (lbs)
Total received at all Staging Pads as of 9/21/17	427	397	43	120	3	5,000
Processed for Disposal						
Total processed for disposal as of 9/21/17	173	241	22	52	2	
Remaining to be Processed for Disposal	254	156	21	68	1	
Percent Remaining	59%	39%	49%	57%	33%	

CORPUS CHRISTI BRANCH:

The Corpus Christi branch has transitioned all future assessment and recovery operations to the Texas Commission of Environmental Quality (TCEQ).

HOUSTON BRANCH:

Teams at the staging pad continue to sample and characterize the unknown contents of recovered containers in order to determine the appropriate disposal. Operations were postponed during the afternoon on Thursday due to severe weather.

PORT ARTHUR/BEAUMONT BRANCH:

The Hazard Evaluation Team investigated one target in Orange, a sunken wooden boat that is being removed by the Texas General Land Office (TGLO).

EPA continues to oversee two oil spills, under a Federal Project Number (FPN), at the request of TCEQ:

- LD Construction Spill, Lumberton, Texas: EPA is providing oversight of a Responsible Party (RP) led cleanup of an oil spill that resulted from flooding caused by Hurricane Harvey. On September 20, 2017, TCEQ requested assistance because the RP has not yet responded adequately. The RP has increased personnel and resources on the spill response. EPA issued a Notice of Federal Interest on September 21, 2017 to the RP. The EPA will continue to monitor the RP response action to assure appropriate removal.

- Port Arthur Pipeline Spill, Port Arthur, Texas: On September 19, 2017, TCEQ received a report of a waterline break with an apparent oil sheen at the Port Arthur RV Resort. EPA and RRC discovered the material flowing into a retention pond and possibly Taylor Bayou. RRC identified two pipelines that run under the property but no responsible party has been identified. EPA has activated their contractors to excavate the discharge site and attempt to identify the source. On September 22, 2017, EPA will resume the assessment and attempt to identify the source of the oil.

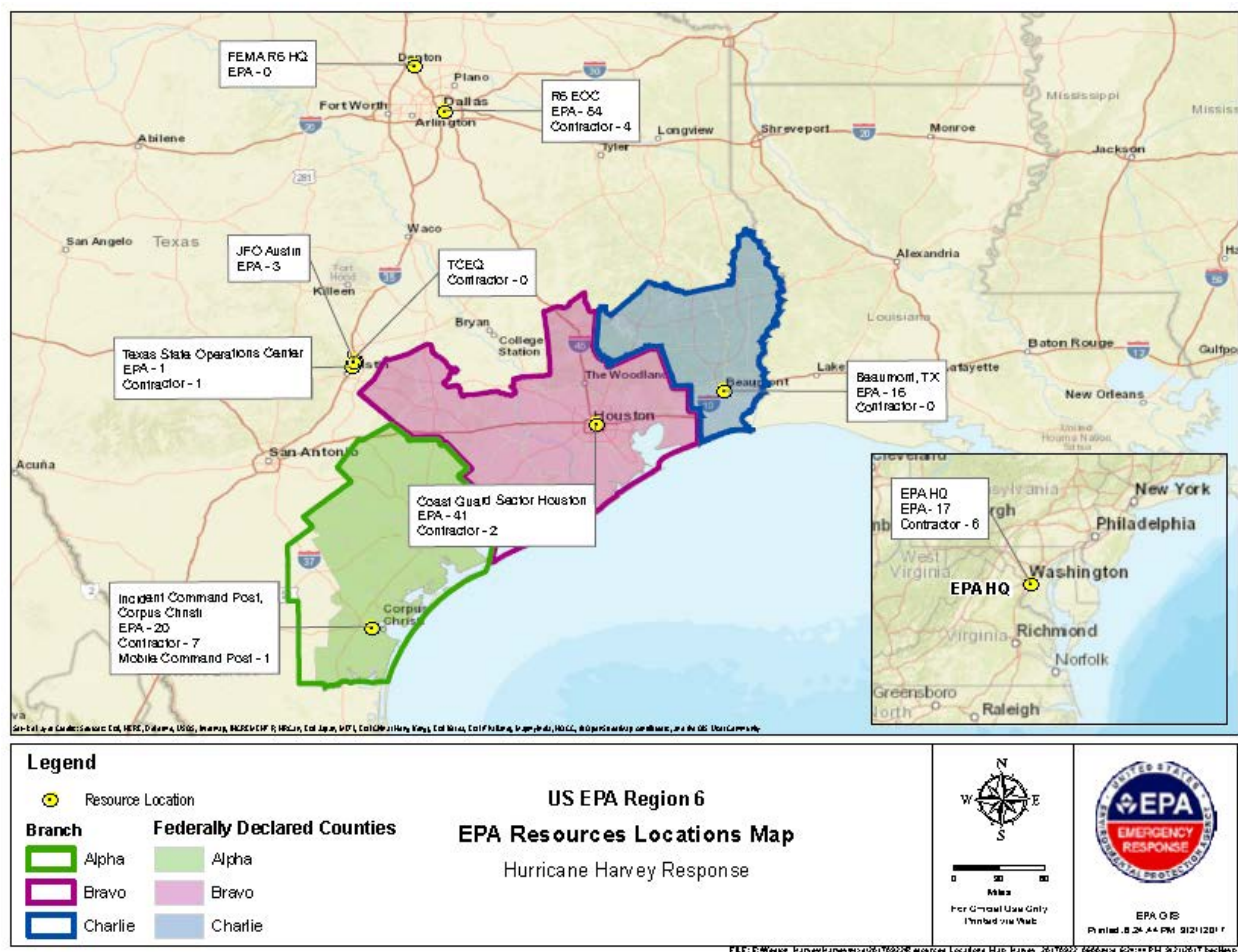
FUNDING

September 21, 2017, UPDATED 1300 hours

Funding Sources	Funding Ceiling	Funding Ceiling Less Indirect	Obligated to Date	Estimated Spent to Date	Unobligated Dollars Remaining	Estimated Unspent Dollars Remaining	Daily Burn Rate	Days Remaining
Non Mission Assignment	N/A			\$64,200.00	\$0.00	\$0.00		
MA 4332DR-TX-EPA-01	\$275,000.00	\$242,741.00	\$71,520.00	\$71,520.00	\$171,221.00	\$171,221.00	\$4,064.00	42.13
MA 4332DR-TX-EPA-03	\$12,192,000.00	\$10,761,763.00	\$8,594,781.41	\$6,360,680.02	\$2,166,981.59	\$4,401,082.98	\$284,972.86	see below
Totals:	\$12,467,000.00	\$11,004,504.00	\$8,666,301.41	\$6,496,400.02	\$2,338,202.59	\$4,508,103.98		
Days remaining based on authorized direct ceiling minus total payroll, travel, and contracts EXPENDED								15.44
Days Remaining based on authorized ceiling minus total payroll, travel, and contract OBLIGATIONS								8.21
NOTE: This report includes estimated cumulative costs of the HQ EOC charging under MA#03 (09/16/17)								

EPA RESOURCES

Personnel	EPA Dallas, TX	FEMA Denton, TX	Texas JFO Austin, TX	Texas SOC Austin, TX	TCEQ Austin, TX	Houston, TX	Corpus Christi, TX	Beaumont, TX	HQ EOC, Wash, DC	TOTAL
EPA	54	0	3	1	0	41	21	16	17	153
START	4					2	7			13
ERRS						13	0	7		20
Other Contractors									6	6
TOTAL	58	0	3	1	0	56	28	23	23	192



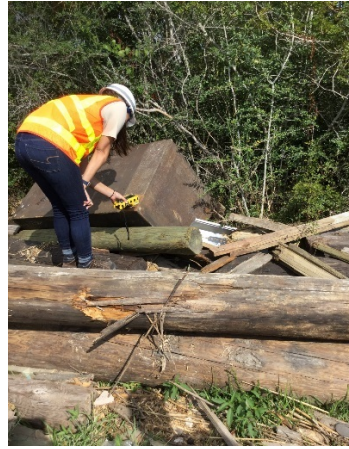
FEDERAL SUPERFUND NPL SITES - (These activities are being done concurrently but outside of the current Mission Assignment)

- EPA either directed potentially responsible parties (PRPs), or independently, began collecting samples at 34 Texas Superfund Sites and 9 Louisiana Sites to confirm no releases due to storm impacts. Six EPA field teams, along with PRPs, have completed sampling at all 43 sites. The sampling is part of a longer term assessment that will be used to transition sites back to normal cleanup operations.
- Review of preliminary data packages continues and will be reported as they are completed. Final data packages are expected within two weeks.
- All 43 Federal Superfund NPL Sites in the hurricane affected area have been assessed. Of these, 42 sites have been cleared. The San Jacinto Waste Pits requires additional follow up.
- San Jacinto Waste Pits Update: The Responsible Party submitted, and EPA approved the cap repair work plan on September 15, 2017. The RP continues maintenance work which began on September 16, 2017.

Photo Log



**Houston Branch
Orphan Container
Hazard Categorization Screening**



**Houston Branch
Orphan Container
Hazard Evaluation**